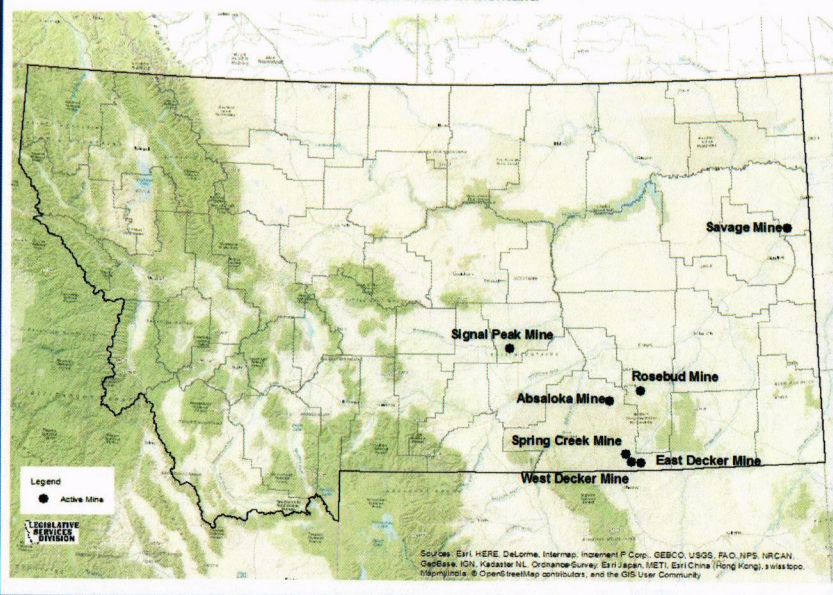




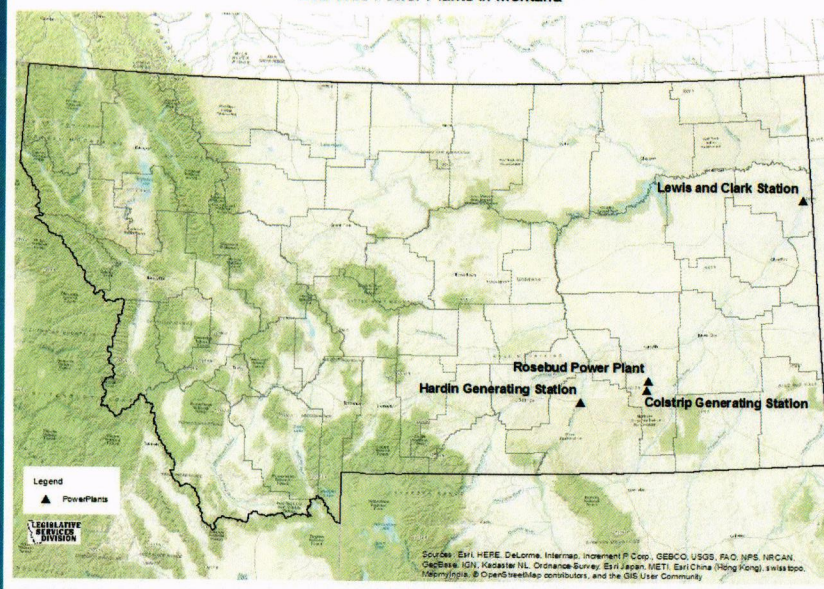
Environmental Quality Council  
January 17, 2018

SENATE JOINT RESOLUTION 5: COAL IN MONTANA  
FISCAL IMPACTS AND COAL FOR POWER

Active Coal Mines in Montana









Coal-fired Power Plants in Montana



Maps by Rachel Weiss LSD

# MONTANA COAL MINES AND COAL-FIRED POWER PLANTS

	1	2	3	4
				
	307 MW	307 MW	740 MW	740 MW
 OWNERS	50% PSE (153.5 MW) 50% Talen	50% PSE (153.5 MW) 50% Talen	30% Talen 25% PSE (185 MW) 20% PGE 15% Avista 10% PacifiCorp	30% NW Energy 25% PSE (185 MW) 20% PGE 15% Avista 10% PacifiCorp
	1975	1976	1984	1986

Source: PSE

## COLSTRIP OWNERSHIP

# Estimated Tax Impacts

## Colstrip 1 and 2 Closure

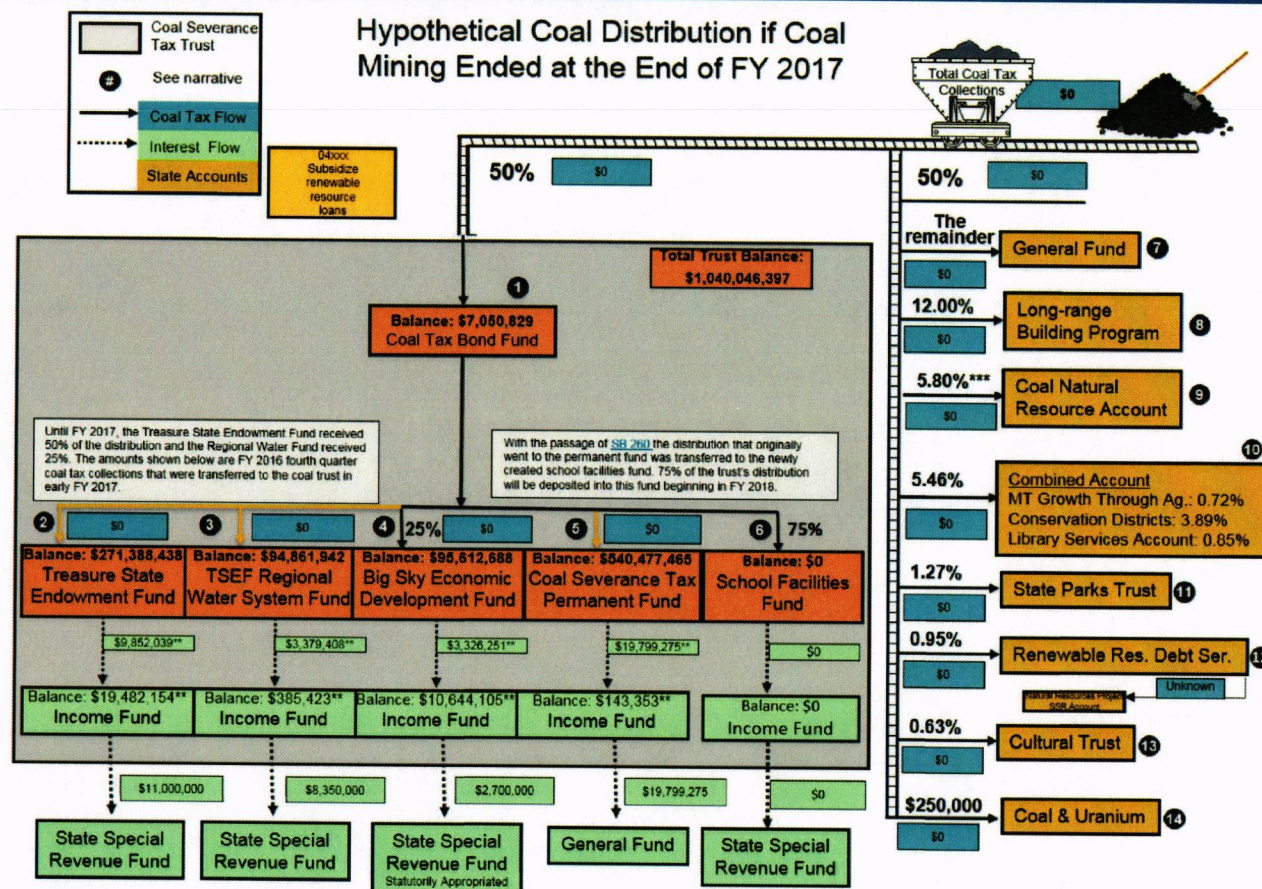
LEGISLATIVE FISCAL DIVISION  
JUNE 2016 ESTIMATES

Source	Effect
Coal Severance Tax	
General Fund	\$1,045,480
Coal Trust Principle	\$1,981,620
Long-range Building Program	\$475,589
Coal Natural Resource fund	\$114,934
Shared Account (Ag, Conservation, Library)	\$216,393
State Parks Trust Principle	\$50,333
Renewable Resource Debt Service	\$37,658
Cultural Trust Principle	<u>\$24,968</u>
Coal Severance Tax Total	\$3,946,975
Individual Income Tax	
General Fund	\$752,000
Electrical Energy Tax	
General Fund	\$763,087
Wholesale Energy Tax	
General Fund	\$572,315
U.S. Mineral Royalties	
General Fund	\$842,638
SSR Mineral Impact fund	<u>\$280,879</u>
U.S. Mineral Royalties Total	\$1,123,517
Coal Gross Proceeds	
General Fund	\$1,132,830
Local Government	\$1,006,990
6-mill	<u>\$151,044</u>
Coal Gross Proceeds Total	\$2,290,864
Resource Indemnity Tax	
State Special Revenue	\$120,000
Property Tax	
General Fund	\$2,115,064
Local Governments & School Districts	<u>\$5,396,736</u>
Property Tax Total	\$7,511,800
<u>General Fund Total</u>	<u>\$7,223,414</u>
<u>Statewide Total</u>	<u>\$17,080,558</u>

### Taxes Paid by Coal Mines and Coal-Fired Power Plants in Montana

Tax	Coal Total (FY 2016)	Distribution	% of Total Attributed to Coal
<b>Coal Severance Tax</b>	\$60,359,000	(See Attached)	100% (See Attached)
<b>Federal Mineral Royalties</b>	\$20,889,000	75% general fund 25% local governments	74%
<b>Coal Gross Proceeds Tax</b>	\$20,757,000	Proportionally to appropriate tax jurisdiction	100%
<b>Resource Indemnity Trust and Ground Water Assessment Tax</b>	\$1,796,000	Net earnings and receipts appropriated by the legislature, provided that the fund balance is not less than \$100 million. (See attached)	77%
<b>Electrical Energy Producer's License Tax</b>	\$2,620,000	General fund	61%
<b>Wholesale Energy Generation Tax</b>	\$1,780,000	General fund	52%
<b>Property Tax</b>	\$316,000,000* \$5,000,000 (mines)	Proportionally to appropriate tax jurisdiction	20%
<b>Total</b>	\$424.2 million  Less Coal-Fired Generation Property Tax:  \$113.2 million		

# Hypothetical Coal Distribution if Coal Mining Ended at the End of FY 2017



\* Current year  
\*\* Excludes unrealized investment gains and losses  
\*\*\* Set to decrease from 5.80% to 2.90% in FY 2020

**Taxes Related to Colstrip Plants (Units 1, 2, 3, 4)**

<b>Tax</b>	<b>Units 1 and 2 - How Much All Owners Paid</b>	<b>Units 3 and 4 - How Much All Owners Paid</b>	<b>What It Is</b>
Electricity and Electrical Energy License Tax Report	\$619,924	\$1,868,921	Total kilowatt hours of electricity and electrical energy generated, manufactured, or produced in Montana for 12 months ending 09/30/2015
Wholesale Energy Transaction Tax	\$441,339	\$1,331,605	Total amount of kilowatt hours that are delivered outside of Montana. An allowance for transmission line loss for electricity delivered outside of Montana. This data is for the 12 months ending 09/30/2015
Actual Property Tax for 2014	\$7,824,989	\$24,663,287	
Estimated Totals	<b>\$8,886,252*</b>	<b>\$27,863,813</b>	

\*Please note that property tax will be continued to be paid at a re-assessed value during decommissioning and remediation by the owners of Units 1 and 2.

Source: PSE

Colstrip Taxes Paid Related to Property Taxes and Totals

Colstrip Project Transmission Owners		
Ownership Rights (MW)		
	Colstrip to Broadview	Broadview to Townsend
NorthWestern Energy	822.8	468.5
Puget Sound Energy	746.0	758.6
Portland General Electric	307.2	312.4
Avista Corp	230.4	234.3
PacifiCorp	153.6	156.2
	2200 MW Path 8 Rating	

Source: NWE

## COLSTRIP TRANSMISSION OWNERSHIP

## Broadwater County

### Top 10 Property Owners by Taxable Value

TY 2015		TY 2016	
1 NORTHWESTERN ENERGY - TRANSMISSION & DISTRIBUTION	6 AVISTA CORPORATION - ELECTRIC TRANSMISSION	1 NORTHWESTERN ENERGY - TRANSMISSION & DISTRIBUTION	6 YELLOWSTONE PIPELINE CO
2 GRAYMONT WESTERN US INC	7 YELLOWSTONE PIPELINE CO	2 GRAYMONT WESTERN US INC	7 AVISTA CORPORATION - ELECTRIC TRANSMISSION
3 MONTANA RAIL LINK	8 PACIFICORP - ELECTRIC TRANSMISSION	3 PORTLAND GENERAL ELECTRIC COMPANY - TRANSMISSION	8 PACIFICORP - ELECTRIC TRANSMISSION
4 PUGET SOUND ENERGY INC - TRANSMISSION PROPERTY	9 VERIZON WIRELESS	4 MONTANA RAIL LINK	9 VIGILANTE ELEC COOP INC
5 PORTLAND GENERAL ELECTRIC COMPANY - TRANSMISSION	10 VIGILANTE ELEC COOP INC	5 PUGET SOUND ENERGY INC - TRANSMISSION PROPERTY	10 VERIZON WIRELESS

Source: DOR

## Meagher County

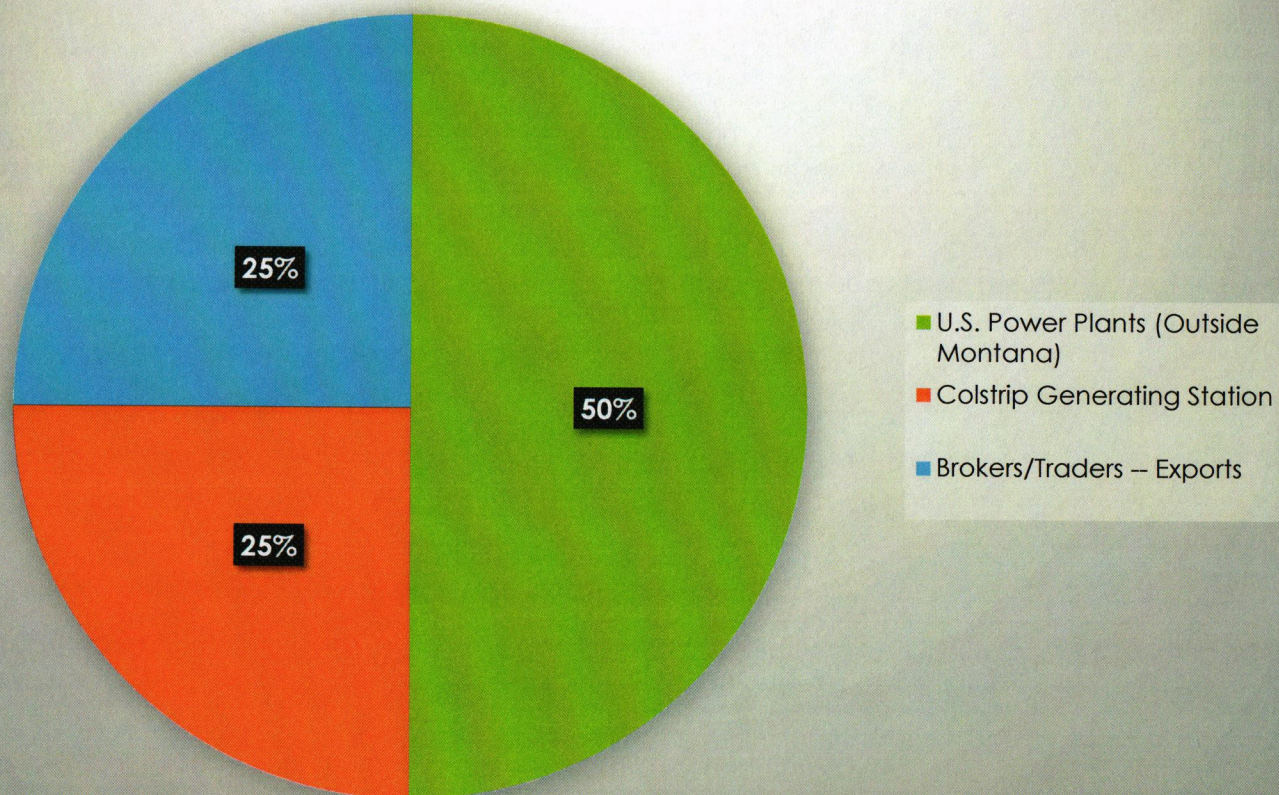
### Top 10 Property Owners by Taxable Value

TY 2015		TY 2016	
1 NORTHWESTERN ENERGY - TRANSMISSION & DISTRIBUTION	6 AVISTA CORPORATION - ELECTRIC TRANSMISSION	1 NORTHWESTERN ENERGY - TRANSMISSION & DISTRIBUTION	6 PACIFICORP - ELECTRIC TRANSMISSION
2 CENTRAL MONTANA COMMUNICATIONS	7 GORDON BUTTE WIND LLC	2 PUGET SOUND ENERGY INC - TRANSMISSION PROPERTY	7 GORDON BUTTE WIND LLC
3 PUGET SOUND ENERGY INC - TRANSMISSION PROPERTY	8 GALT RANCH LP	3 TRIANGLE TELEPHONE COOPERATIVE ASSOC INC	8 GALT RANCH LP
4 PORTLAND GENERAL ELECTRIC COMPANY - TRANSMISSION	9 SMITH RIVER RANCH LP	4 PORTLAND GENERAL ELECTRIC COMPANY - TRANSMISSION	9 SMITH RIVER RANCH LP
5 PACIFICORP - ELECTRIC TRANSMISSION	10 CATLIN RANCH LP	5 AVISTA CORPORATION - ELECTRIC TRANSMISSION	10 CATLIN RANCH LP

Source: DOR

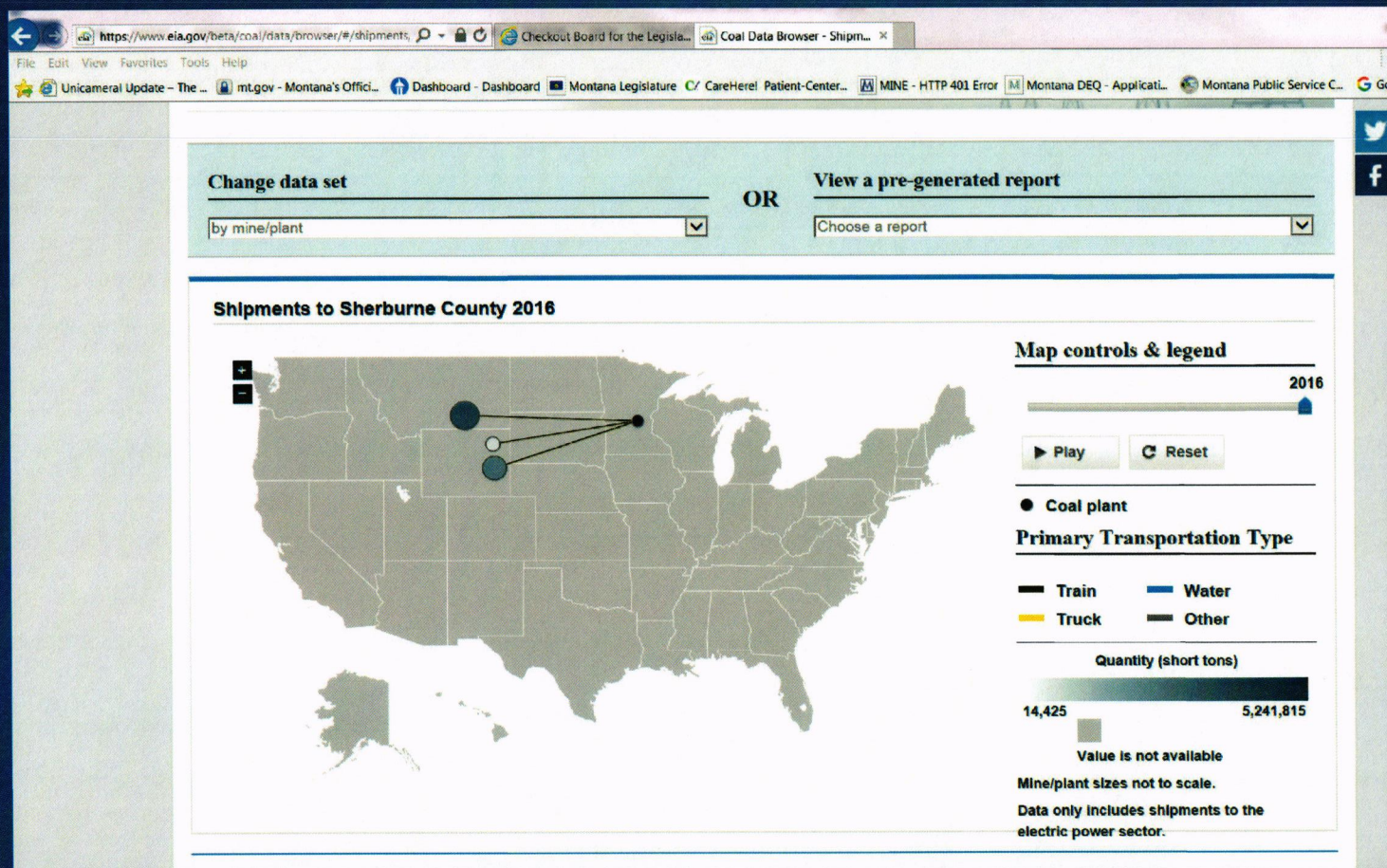
PROPERTY OWNERS BY TAXABLE VALUE  
BROADWATER AND MEAGHER COUNTY EXAMPLES

## Montana Coal Distribution



## Coal Data Browser

SPRING CREEK



SHERBURNE COUNTY – ABSALOKA MINE